



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 10301211
SAU: Caribou School Department
School: Caribou Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2009

Grade: 8

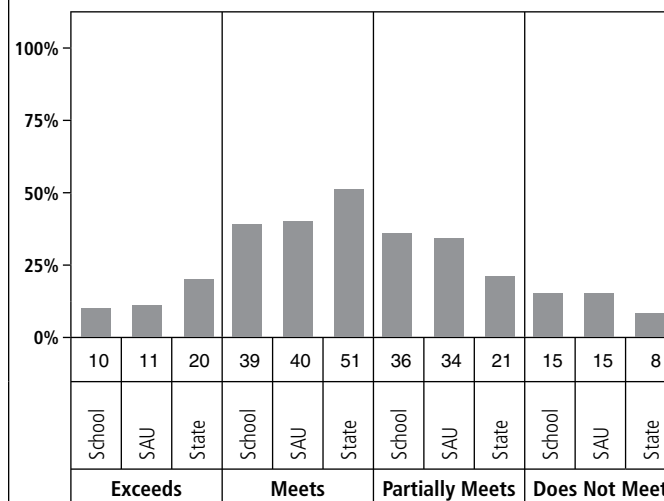
SAU: Caribou School Department

School: Caribou Middle School

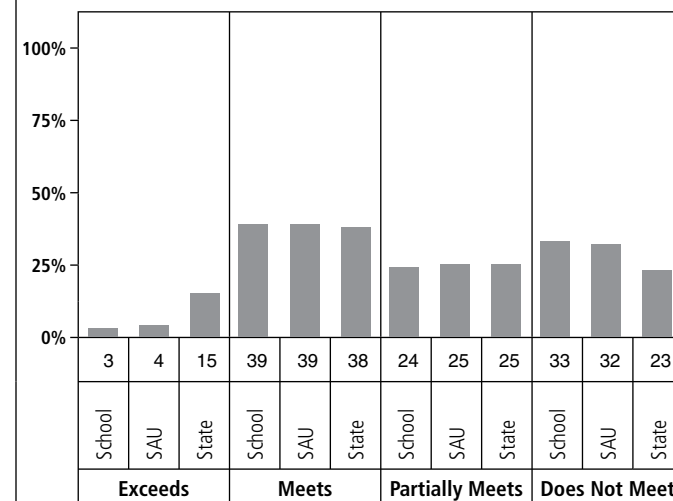
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	849	848	847
2007–2008	851	852	849
2008–2009	843	843	850
Cum. Avg.*	848	847	849
Mathematics			
2006–2007	841	840	842
2007–2008	841	842	841
2008–2009	836	836	843
Cum. Avg.*	839	839	842
Science			
2008–2009 **	842	842	846

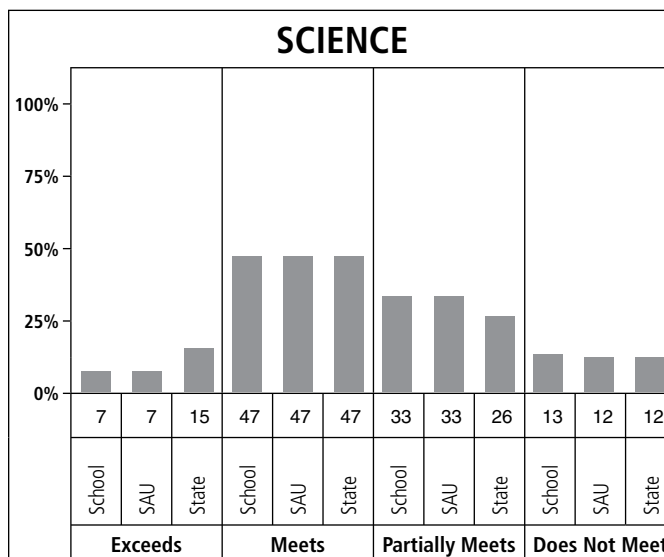
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
 Grade: 8
 SAU: Caribou School Department
 School: Caribou Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	123	100	117	100	14804	100	121	98	115	98	14659	99	121	98	115	98	14653	99	121	98	115	98	14626	99
Ethnicity African American/Black	1	1	1	1	377	3	1	100	1	100	366	97	1	100	1	100	371	98	1	100	1	100	367	97
American Indian or Native Alaskan	2	2	2	2	119	1	2	100	2	100	117	99	2	100	2	100	115	97	2	100	2	100	116	98
Asian or Pacific Islander	3	2	3	3	238	2	3	100	3	100	232	97	3	100	3	100	234	98	3	100	3	100	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	117	95	111	95	13878	94	115	98	109	98	13756	99	115	98	109	98	13742	99	115	98	109	98	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	19	15	17	15	2489	17	19	100	17	100	2434	99	19	100	17	100	2424	98	19	100	17	100	2418	98
Current LEP	3	2	3	3	349	2	3	100	3	100	331	95	3	100	3	100	342	98	3	100	3	100	338	97
Economically disadvantaged	51	41	47	40	5460	37	49	96	45	96	5380	99	49	96	45	96	5377	99	49	96	45	96	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	104	85	100	85	12132	82	104	85	100	85	12124	82	104	85	100	85	12169	82
Identified disability (PET/IEP)	3	3	3	3	379	3	3	3	3	3	380	3	3	3	3	3	425	3
LEP	3	3	3	3	166	1	3	3	3	3	169	1	3	3	3	3	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
Participation with accommodations	16	13	14	12	2349	16	16	13	14	12	2347	16	16	13	14	12	2288	15
Identified disability (PET/IEP)	15	94	13	93	1877	80	15	94	13	93	1862	79	15	94	13	93	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	1	6	1	7	70	3	1	6	1	7	70	3	1	6	1	7	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
Participation through alternate assessment (PAAP)	1	1	1	1	178	1	1	1	1	1	182	1	1	1	1	1	169	1
Identified disability (PET/IEP)	1	100	1	100	178	100	1	100	1	100	182	100	1	100	1	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	2	2	2	2	113	1	2	2	2	2	117	1	2	2	2	2	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: Caribou School Department
School: Caribou Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	25	23	22	22	2407	16
	2007-2008	27	24	26	25	3428	23
	2008-2009	12	10	12	11	2857	20
	Cum. Total*	64	19	60	19	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	55	50	48	48	7494	49
	2007-2008	57	51	53	52	7179	48
	2008-2009	47	39	46	40	7431	51
	Cum. Total*	159	46	147	46	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	18	16	18	18	3628	24
	2007-2008	14	13	13	13	2706	18
	2008-2009	43	36	39	34	2979	21
	Cum. Total*	75	22	70	22	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	13	12	13	13	1810	12
	2007-2008	13	12	10	10	1611	11
	2008-2009	18	15	17	15	1214	8
	Cum. Total*	44	13	40	13	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	30.6	54.6	30.9	55.2	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	10.3	51.5	10.5	52.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	20.3	56.4	20.4	56.7	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009

Grade: 8

SAU: Caribou School Department

School: Caribou Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	120	12	10	47	39	43	36	18	15	843	114	11	40	34	15	843	14481	20	51	21	8	850
Ethnicity																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	2										2						116	10	46	26	18	843
Asian or Pacific Islander	3										3						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	114	10	9	46	40	40	35	18	16	843	108	9	42	33	16	843	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	18	0	0	3	17	7	39	8	44	829	16	0	19	38	44	830	2256	2	25	40	34	834
No	102	12	12	44	43	36	35	10	10	845	98	12	44	34	10	846	12225	23	56	17	4	853
Current LEP																						
Yes	3										3						324	5	34	36	26	838
No	117	11	9	47	40	41	35	18	15	843	111	10	41	33	15	843	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	48	1	2	13	27	25	52	9	19	837	44	2	30	50	18	838	5277	10	46	29	15	844
No	72	11	15	34	47	18	25	9	13	847	70	16	47	24	13	847	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	120	12	10	47	39	43	36	18	15	843	114	11	40	34	15	843	14476	20	51	21	8	850
Gender																						
Female	58	9	16	28	48	13	22	8	14	846	55	16	49	20	15	846	7074	25	51	18	6	852
Male	62	3	5	19	31	30	48	10	16	840	59	5	32	47	15	840	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	0	0	2	9	12	52	9	39	832	20	0	10	50	40	832	857	9	43	35	14	843
No	97	12	12	45	46	31	32	9	9	846	94	13	47	31	10	846	13624	20	52	20	8	850
Gifted/talented program																						
Yes	10	8	80	2	20	0	0	0	0	866	10	80	20	0	0	866	700	69	30	1	0	867
No	110	4	4	45	41	43	39	18	16	841	104	4	42	38	16	841	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: Caribou School Department

School: Caribou Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	2	25	3	38	3	38	832	6	0	29	29	43	832	8	8	39	29	24	841
B. less than one hour	46	4	7	23	42	21	38	7	13	843	45	8	43	37	12	843	51	17	53	22	8	849
C. one to two hours	42	6	12	19	38	17	34	8	16	844	43	12	39	33	16	844	36	24	52	18	5	852
D. more than two hours	6	2	29	3	43	2	29	0	0	852	6	29	43	29	0	852	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	30	6	17	17	47	11	31	2	6	848	30	18	50	26	6	848	31	35	50	11	4	856
B. good	48	6	11	25	44	16	28	10	18	843	48	11	44	27	18	843	47	16	55	21	7	849
C. fair	20	0	0	5	21	13	54	6	25	835	19	0	23	55	23	837	18	5	47	33	15	842
D. poor	3	0	0	0	0	3	100	0	0	840	3	0	0	100	0	840	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	28	7	21	10	30	13	39	3	9	847	27	23	32	35	10	847	32	27	54	14	5	853
B. They match some of what I have learned.	54	3	5	31	48	24	37	7	11	843	54	5	48	35	11	844	52	18	53	22	8	850
C. They match just a little of what I have learned.	13	2	13	4	25	4	25	6	38	837	13	13	27	27	33	838	12	11	45	29	15	844
D. There is no match.	5	0	0	2	33	2	33	2	33	832	5	0	33	33	33	832	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	12	1	7	1	7	6	43	6	43	834	11	8	8	42	42	836	15	13	42	28	17	844
B. about the same as my regular schoolwork	72	10	12	34	40	31	36	11	13	844	74	12	39	36	13	844	64	19	53	20	7	850
C. easier than my regular schoolwork	17	1	5	12	60	6	30	1	5	846	16	6	67	22	6	847	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	15	0	0	3	17	9	50	6	33	832	14	0	19	50	31	833	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	54	9	14	19	30	25	39	11	17	843	56	14	30	38	17	843	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	31	2	6	24	67	9	25	1	3	848	29	6	70	21	3	848	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	49	7	12	19	32	24	41	9	15	842	49	13	34	39	14	842	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	48	5	9	25	44	18	32	9	16	844	47	9	44	30	17	844	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	3	75	1	25	0	0	847	4	0	75	25	0	847	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	16	5	26	7	37	6	32	1	5	849	15	29	35	29	6	849	19	26	53	15	6	853
B. 20 minutes to an hour	28	6	18	18	55	7	21	2	6	850	28	19	56	19	6	851	40	25	52	17	6	852
C. less than 20 minutes	18	1	5	11	52	7	33	2	10	845	18	5	55	30	10	845	15	18	51	21	10	849
D. I rarely read at home.	39	0	0	11	23	23	49	13	28	835	39	0	24	49	27	835	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	43	10	20	22	43	15	29	4	8	848	42	21	47	26	6	849	42	27	51	15	6	853
B. agree	51	2	3	23	38	23	38	13	21	839	52	3	37	37	22	839	50	15	53	23	9	848
C. disagree	5	0	0	1	17	4	67	1	17	836	5	0	17	67	17	836	7	8	46	32	14	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	856	1	0	100	0	0	856	2	6	39	35	21	840
Optional school/SAU question																						
A.	40	0	0	0	0	2	100	0	0	836	50	0	0	100	0	836						
B.	20	0	0	0	0	1	100	0	0	840	0											
C.	20	0	0	0	0	0	0	1	100	828	25	0	0	0	100	828						
D.	20	0	0	0	0	1	100	0	0	840	25	0	0	100	0	840						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: Caribou School Department
School: Caribou Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	10	9	7	7	1952	13
	2007-2008	13	12	13	13	1657	11
	2008-2009	4	3	4	4	2116	15
	Cum. Total*	27	8	24	8	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	53	48	48	48	5870	38
	2007-2008	43	39	40	40	5956	40
	2008-2009	47	39	45	39	5443	38
	Cum. Total*	143	42	133	42	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	21	19	19	19	3982	26
	2007-2008	27	25	25	25	3729	25
	2008-2009	29	24	28	25	3556	25
	Cum. Total*	77	23	72	23	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	27	24	27	27	3534	23
	2007-2008	27	25	23	23	3579	24
	2008-2009	40	33	37	32	3356	23
	Cum. Total*	94	28	87	28	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	24.6	43.9	24.9	44.5	28.6	51.1
A. Number	8	14	3.5	43.8	3.5	43.8	3.7	46.3
B. Data	16	29	7.1	44.4	7.2	45.0	8.9	55.6
C. Geometry	12	21	4.1	34.2	4.1	34.2	5.0	41.7
D. Algebra	20	36	10.0	50.0	10.1	50.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009

Grade: 8

SAU: Caribou School Department

School: Caribou Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	120	4	3	47	39	29	24	40	33	836	114	4	39	25	32	836	14471	15	38	25	23	843
Ethnicity																						
African American/Black	1										1						367	6	24	26	44	831
American Indian or Native Alaskan	2										2						114	5	31	32	32	836
Asian or Pacific Islander	3										3						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	114	3	3	46	40	28	25	37	32	836	108	3	41	25	31	836	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	18	0	0	0	0	2	11	16	89	812	16	0	0	13	88	812	2242	2	12	22	63	824
No	102	4	4	47	46	27	26	24	24	840	98	4	46	27	23	840	12229	17	42	25	16	846
Current LEP																						
Yes	3										3						336	6	18	26	51	829
No	117	3	3	47	40	29	25	38	32	836	111	3	41	25	32	837	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	48	1	2	14	29	10	21	23	48	830	44	2	30	23	45	831	5270	6	30	28	36	835
No	72	3	4	33	46	19	26	17	24	840	70	4	46	26	24	840	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	120	4	3	47	39	29	24	40	33	836	114	4	39	25	32	836	14466	15	38	25	23	843
Gender																						
Female	58	2	3	28	48	12	21	16	28	838	55	4	49	22	25	839	7070	15	39	25	22	843
Male	62	2	3	19	31	17	27	24	39	834	59	3	31	27	39	834	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	0	0	1	4	6	26	16	70	823	20	0	5	25	70	823	857	5	25	33	37	835
No	97	4	4	46	47	23	24	24	25	839	94	4	47	24	24	839	13614	15	38	24	22	843
Gifted/talented program																						
Yes	10	3	30	7	70	0	0	0	0	859	10	30	70	0	0	859	700	68	27	3	1	866
No	110	1	1	40	36	29	26	40	36	834	104	1	37	27	36	834	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: Caribou School Department

School: Caribou Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	1	13	1	13	0	0	6	75	823	6	14	14	0	71	826	8	8	24	24	44	833
B. less than one hour	46	1	2	17	31	20	36	17	31	834	45	2	29	37	31	833	51	12	38	26	23	842
C. one to two hours	42	2	4	26	52	6	12	16	32	840	43	4	53	12	31	840	36	19	40	23	19	845
D. more than two hours	6	0	0	3	43	3	43	1	14	839	6	0	43	43	14	839	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	33	2	5	24	62	4	10	9	23	842	32	6	64	8	22	843	28	33	41	15	11	852
B. good	45	2	4	17	32	21	40	13	25	838	46	4	31	40	25	837	45	11	43	25	21	842
C. fair	18	0	0	6	29	3	14	12	57	827	17	0	32	16	53	828	21	3	27	35	35	834
D. poor	5	0	0	0	0	0	0	6	100	815	5	0	0	0	100	815	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	21	2	8	9	36	4	16	10	40	837	20	9	35	17	39	837	28	23	41	21	15	848
B. They match some of what I have learned.	58	2	3	30	43	20	29	18	26	838	59	3	43	28	25	838	52	13	40	25	21	843
C. They match just a little of what I have learned.	15	0	0	8	44	5	28	5	28	835	16	0	44	28	28	835	16	8	28	30	34	836
D. There is no match.	6	0	0	0	0	0	0	7	100	812	5	0	0	0	100	814	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	39	1	2	16	34	11	23	19	40	831	39	2	36	23	39	832	32	6	34	29	32	837
B. about the same as my regular schoolwork	56	3	4	28	42	17	25	19	28	839	56	5	41	27	28	839	52	13	41	25	20	843
C. easier than my regular schoolwork	5	0	0	3	50	1	17	2	33	840	5	0	50	17	33	840	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	46	2	4	21	39	14	26	17	31	836	46	4	40	27	29	837	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	49	2	3	24	41	13	22	19	33	837	49	4	40	24	33	837	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	2	33	1	17	3	50	831	5	0	33	17	50	831	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	59	1	1	28	40	19	27	22	31	836	58	2	39	27	32	836	34	18	40	22	20	845
B. two or three days a week	26	2	6	10	32	9	29	10	32	837	27	7	33	30	30	837	35	14	38	26	21	843
C. two or three times each month	9	1	9	5	45	1	9	4	36	837	10	9	45	9	36	837	18	12	37	27	24	841
D. never or almost never	6	0	0	3	43	0	0	4	57	828	5	0	50	0	50	833	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	3	1	25	0	0	1	25	2	50	834	4	25	0	25	50	834	9	13	38	23	26	841
B. two or three days a week	24	0	0	12	41	8	28	9	31	836	23	0	42	27	31	837	17	11	37	26	26	841
C. two or three times each month	38	2	4	10	22	16	36	17	38	834	38	5	21	37	37	834	28	15	40	25	20	844
D. never or almost never	34	1	2	25	61	3	7	12	29	838	35	3	63	8	28	839	46	16	36	24	23	843
How do you feel about the following statement?																						
"My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	63	3	4	34	45	18	24	21	28	838	63	4	46	25	25	839	52	19	41	22	18	846
B. agree	31	0	0	12	32	10	27	15	41	833	31	0	31	26	43	833	39	11	35	27	27	840
C. disagree	5	1	17	1	17	0	0	4	67	830	5	17	17	0	67	830	6	7	28	26	39	835
D. strongly disagree	1	0	0	0	0	1	100	0	0	838	1	0	0	100	0	838	3	4	25	28	43	832
Optional school/SAU question																						
A.	40	0	0	0	0	2	100	0	0	835	50	0	0	100	0	835						
B.	20	0	0	0	0	1	100	0	0	830	0											
C.	20	0	0	0	0	0	0	1	100	814	25	0	0	0	100	814						
D.	20	0	0	0	0	0	0	1	100	826	25	0	0	0	100	826						

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: Caribou School Department
School: Caribou Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	8	7	8	7	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	56	47	54	47	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	40	33	38	33	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	16	13	14	12	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	29.6	52.9	29.9	53.4	32.0	57.1
D. The Physical Setting	31	55	15.4	49.7	15.5	50.0	17.1	55.2
D1/D2 Earth/Space	17	30	8.7	51.2	8.8	51.8	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	6.7	47.9	6.7	47.9	7.7	55.0
E. The Living Environment	25	45	14.2	56.8	14.4	57.6	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: Caribou School Department
School: Caribou Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	120	8	7	56	47	40	33	16	13	842	114	7	47	33	12	842	14263	15	47	26	12	846
Ethnicity																						
African American/Black	1										1						360	4	31	35	30	835
American Indian or Native Alaskan	2										2						114	8	39	31	22	839
Asian or Pacific Islander	3										3						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	114	7	6	54	47	38	33	15	13	842	108	6	48	33	12	842	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	18	0	0	1	6	8	44	9	50	824	16	0	6	44	50	825	2221	3	22	36	38	832
No	102	8	8	55	54	32	31	7	7	845	98	8	54	32	6	845	12042	17	51	24	7	848
Current LEP																						
Yes	3										3						331	4	20	39	37	832
No	117	8	7	55	47	39	33	15	13	842	111	7	48	33	12	842	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	48	1	2	24	50	16	33	7	15	839	44	2	52	32	14	840	5184	6	40	33	21	840
No	72	7	10	32	44	24	33	9	13	844	70	10	44	34	11	844	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	120	8	7	56	47	40	33	16	13	842	114	7	47	33	12	842	14258	15	47	26	12	846
Gender																						
Female	58	7	12	24	41	19	33	8	14	843	55	13	42	31	15	844	6953	14	47	28	11	846
Male	62	1	2	32	52	21	34	8	13	840	59	2	53	36	10	841	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	0	0	3	13	14	61	6	26	830	20	0	15	65	20	832	828	5	35	40	20	839
No	97	8	8	53	55	26	27	10	10	845	94	9	54	27	11	845	13435	16	48	25	12	846
Gifted/talented program																						
Yes	10	5	50	5	50	0	0	0	0	861	10	50	50	0	0	861	699	65	34	2	0	865
No	110	3	3	51	46	40	36	16	15	840	104	3	47	37	13	841	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: Caribou School Department

School: Caribou Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	1	13	2	25	1	13	4	50	831	6	14	29	0	57	831	8	8	34	28	30	837
B. less than one hour	46	1	2	23	42	23	42	8	15	840	45	2	41	45	12	840	51	14	48	27	11	846
C. one to two hours	42	5	10	26	52	16	32	3	6	845	43	10	53	31	6	845	36	19	48	24	9	848
D. more than two hours	6	1	14	5	71	0	0	1	14	850	6	14	71	0	14	850	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	22	4	15	14	54	5	19	3	12	848	21	17	54	21	8	849	23	27	47	17	8	851
B. good	57	4	6	31	46	25	37	8	12	841	57	6	48	35	11	842	53	15	50	26	10	847
C. fair	15	0	0	7	39	9	50	2	11	838	15	0	35	53	12	837	20	4	43	35	18	840
D. poor	7	0	0	4	50	1	13	3	38	835	7	0	50	13	38	835	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	19	2	9	10	43	9	39	2	9	844	19	9	41	41	9	843	26	20	49	23	9	849
B. They match some of what I have learned.	58	4	6	37	54	22	32	6	9	844	57	6	55	32	6	845	51	14	48	26	11	846
C. They match just a little of what I have learned.	16	1	5	7	37	7	37	4	21	837	16	6	39	33	22	838	18	13	44	28	15	844
D. There is no match.	8	1	11	2	22	2	22	4	44	831	8	11	22	22	44	831	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	31	3	8	15	41	11	30	8	22	840	31	9	43	29	20	841	32	13	45	28	14	844
B. about the same as my regular schoolwork	53	4	6	32	51	20	32	7	11	843	53	7	50	32	12	843	56	15	49	25	11	847
C. easier than my regular schoolwork	17	1	5	9	45	9	45	1	5	842	17	5	47	47	0	843	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	50	4	7	27	45	19	32	10	17	841	50	7	47	32	14	842	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	48	2	4	29	51	20	35	6	11	842	47	4	50	35	11	842	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	3	2	67	0	0	1	33	0	0	853	3	67	0	33	0	853	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	23	0	0	12	43	12	43	4	14	839	20	0	43	48	9	840	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	25	0	0	18	60	8	27	4	13	842	26	0	60	27	13	842	23	17	49	22	12	847
C. the course(s) described in B, plus physics	16	5	26	8	42	4	21	2	11	848	17	26	42	21	11	848	21	31	44	17	7	852
D. a life science and physical science class	36	3	7	18	42	16	37	6	14	841	37	7	43	36	14	842	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	25	3	10	15	50	7	23	5	17	843	24	11	52	26	11	845	27	23	47	20	10	849
B. agree	51	2	3	29	48	23	38	6	10	842	54	3	48	38	10	842	37	14	47	27	12	846
C. disagree	14	3	19	7	44	4	25	2	13	845	13	21	43	21	14	845	25	11	48	29	12	845
D. strongly disagree	10	0	0	4	33	6	50	2	17	835	10	0	36	45	18	835	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	37	4	9	22	50	13	30	5	11	844	36	10	51	29	10	845	31	22	46	22	10	849
B. agree	54	4	6	30	46	23	35	8	12	842	55	6	46	35	13	842	50	14	49	26	11	846
C. disagree	7	0	0	2	25	4	50	2	25	833	7	0	25	50	25	833	14	9	45	31	15	843
D. strongly disagree	3	0	0	2	67	0	0	1	33	837	2	0	100	0	0	850	5	3	38	34	25	837
Optional school/SAU question																						
A.	40	0	0	2	100	0	0	0	0	846	50	0	100	0	0	846						
B.	20	0	0	0	0	0	0	1	100	812	0											
C.	20	0	0	0	0	0	0	1	100	818	25	0	0	0	100	818						
D.	20	0	0	1	100	0	0	0	0	850	25	0	100	0	0	850						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number